

ABSTRACT

The present invention relates to a method for playing back optical videodisc by using an optical disc drive. The optical disc drive caches the video data to a storage device at its highest possible speed until the entire
5 video data has been completely read and stored. The operation of the optical disc drive is then halted to achieve the highest usage efficiency of the optical disc drive. In the meanwhile, during the above-mentioned caching process, a video-playback device acquires the stored video data from the storage device according to the video playing speed and
10 simultaneously outputting data to a video display unit for playing back the video. The goal of power saving is achieved with elimination of the redundant idling time of the optical disc drive. It also tremendously reduces the optical power degradation of the pick-up head in the optical disc drive and hence prolonging its life expectancy.

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